

Appl No.:10/643,063

Atty. Dkt.: UCF-372

Please amend the paragraph starting on page 9 at line 12 and ending on page 10 at line 2 as follows:

In Figure 2, common electrode 21 has higher voltage; whereas, common electrode 23 has lower voltage and in principle these two electrodes can be interchanged. This interchange is shown in Figure 5 which is a cross section view of the TFT-LCD structure and Fig. 11 which shows a front view of the structure shown in Figure 5. In Figure 5, the first common electrode 51 on top substrate 52 has a lower voltage (0V); whereas the second common electrode layer 53 in the bottom substrate 54 has a high voltage (5V). This alternative design may lead to a less uniform vertical field because of the slightly higher potential difference that is caused by a passivation layer 56. In Figure 5, a high electric field is emitted from pixel electrode 55 and hence a higher electric field is established across the passivation layer 56 than when the electric field is emitted from the top electrode 51. It should be noted, that the terminology "passivation layer" in the description of the present invention, is commonly known as an insulation layer. However, the potential difference that is established between pixel electrode 55 and second common electrode layer 53 can principle be reduced by altering the voltage to second common electrode 53 or voltage to the pixel electrode 55 in order to compensate for the voltage drop.

Change(s) applied
to document,
/R.E.M./
5/5/2011

Please amend the paragraph starting on page on page ¹¹~~10~~ at line ¹⁶~~14~~ and ending on page 11 at line 3 as follows:

In Figure 9 is a cross sectional view showing that, the fringing field leads to the